

10/019261  
JC13 Entry PCT/PT 28 DEC 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Takumi KINOSHITA

Attn: BOX PCT

Serial No. NEW

Docket No. 2001-1889A

Filed December 28, 2001

RECORDING AND REPRODUCTION DISK  
CONTROL UNIT AND DISK DEVICE  
EMPLOYING THE SAME  
[Corresponding to PCT/JP01/03681  
Filed April 27, 2001]

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents,  
Washington, DC 20231

Sir:

Prior to examination of the above-referenced U.S. patent application please amend the application as follows:

IN THE SPECIFICATION

Please amend the specification as follows:

Please replace the paragraph beginning at page 38, line 16, to line 20, with the following rewritten paragraph:

As described above, a recording and reproduction disk control device and a disk device according to the present invention record digital data onto a magnetic disk or an optical magnetic disk and are suited for a magnetic disk device or optical magnetic disk device such as a hard disk device.


REMARKS

The above amendments have been made to make minor editorial changes so as to generally improve the form of the specification

Attached hereto is a marked-up version of the changes made to the specification by the current Preliminary Amendment. The attached page is captioned "Version With Markings to Show Changes Made".

Respectfully submitted,

Takumi KINOSHITA

By 

Nils E. Pedersen  
Registration No. 33,145  
Attorney for Applicant

NEP/krl  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
Facsimile (202) 721-8250  
December 28, 2001

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

management information management means 107 as an example, it is also possible that the recording management information stored in the volatile memory held by the recording management information management means 107 does not include the backup information and the recording management information management means 107 adds the backup information when outputting the recording management data to the data recording and reproduction means 104.

Further, while, in the first and second embodiments, digital data composed of image data and voice data are recorded or reproduced onto/from a disk-shaped recording medium of the disk device 105 or the magnetic disk 111, digital data may be composed of either one of image data and voice data.

#### APPLICABILITY IN INDUSTRY

As described above, a recording and reproduction disk<sup>control</sup> device and a disk device according to the present invention record digital data onto a magnetic disk or an optical magnetic disk and are suited for a magnetic disk device or optical magnetic disk device such as a hard disk device.